VEC191_Manual_041806_R 4/18/06 6:16 PM Page 8

SPECIFICATIONS

Spotlight:	12 volt, H4, dual-filament, quartz halogen 100 watt bulb
Batteries:	Two maintenance-free, sealed lead acid, 6 volt, 6.0 Ah
AC Adapter:	500mA, 12 volt
External DC Adapters:	DC 12V input, 120 VAC, 500 mA
Radio Bands:	AM (520 ~ 1710 kHz)
	FM (88 ~ 108 MHz)
	Weather: 162.400, 162.425, 162.450 162.475, 162.500,162.525 and 162.550 MHz
Speaker:	8 ohms, 1W
Operating Voltage:	12 volts DC

VEC191

The Weather Channel℠

Stormtracker™ Series by VECTOR

Weather Alert Radio-Flashlight

AM/FM Weather Alert Radio, Flashlight and Cell Phone Charger

USER'S MANUAL & WARRANTY INFORMATION

IMPORTANT SAFETY INFORMATION, SAVE THESE INSTRUCTIONS

TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND THIS INSTRUCTIONAL MANUAL. THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING THE OPERATION AND WARRANTY OF THIS PRODUCT. PLEASE RETAIN FOR FUTURE REFERENCE.

4140 S.W. 30th Ave., Ft. Lauderdale, FL 33312
Toll Free: (866) 584-5504

www.vectormfg.com

ONE YEAR LIMITED WARRANTY PROGRAM

This limited warranty program is the only one that applies to this product, and it sets forth all the responsibilities of Vector Products, Inc., regarding this product. There is no other warranty, other than those described herein. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty.

This Vector Products, Inc. product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users. Manufacturer will not be responsible for any amount of damage in excess of the retail purchase price of the product under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This product is not intended for commercial use. This warranty does not apply to damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.

RETURN/REPAIR POLICY: Defective products may be returned to manufacturer. Any defective product that is returned to manufacturer within 30 days of the date of purchase will be replaced free of charge. If such a product is returned more than 30 days but less than one year from the purchase date, manufacturer will repair the unit or, at its option, replace it, free of charge.

If the unit is repaired, new or reconditioned replacement parts may be used, at manufacturer's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under the terms of the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items. During the warranty period, manufacturer will be responsible for the return shipping charges to the customer in the United States.

LIMITATIONS: This warranty does not cover accessories, such as charging adapters, bulbs, fuses and batteries, damage or defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and Acts of God.

If your problem is not covered by this warranty, call our Technical Support Department at (954) 584-4446 or toll free at (866) 584-5504 for general repair information and charges if applicable. You may also contact us through our website at www.vectormfg.com.

STATE LAW RIGHTS: This warranty gives you specific legal rights. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the exclusions or limitations stated herein may not apply. This warranty gives the purchaser specific legal rights; other rights, which vary from state to state, may apply.

TO REQUEST WARRANTY SERVICE FOR THIS PRODUCT: Contact Technical Support by telephone, fax or mail (see below). We suggest that you keep the original packaging in case you need to ship the unit. When returning a product, include your name, address, phone number, dated sales receipt (or copy) and a description of the reason for return and product serial number. After repairing or replacing the unit, we will make every effort to return it to you within four weeks.

WARRANTY ACTIVATION: Please complete Warranty Activation Card and mail to Vector Products, Inc.. Enter "VEC191" as Model and "Storm Tracker™" as Product Type. All Vector products must be registered within 30 days of purchase to activate this warranty. Mail the completed registration form, along with a copy of the original sales receipt, to:

ATTN.: CUSTOMER SERVICE
4140 SW 30th Ave., Ft. Lauderdale, FL 33312
• TOLL FREE: (866) 584-5504 • FAX: (954) 584-5556 •

WARRANTY IS NON-TRANSFERABLE.

BD041806

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MADE IN CHINA

IMPORTANT SAFETY INFORMATION

WARNINGS

- **Contains non-spillable sealed lead acid batteries. They must be recycled or disposed of properly.**
- **DO NOT dispose of batteries in fire, as this may result in an explosion. DO NOT open battery or short circuit, this may cause the battery to leak or get hot causing personal injury. Any disposal questions call toll-free (877) 288-7722.**

CAUTIONS

1. All halogen lights give off heat. Never place the light face-down on any surface when lit.
2. Lens gets very hot when spotlight is operating. Do not touch lens while operating.
3. Do not look directly into spotlight or shine the light into another person's eyes.
4. Replace bulb with type indicated in specifications or a 12 volt H4 quartz halogen 100 watt bulb.
5. Do not immerse this spotlight in water. This unit is not waterproof – it is water-resistant.
6. Keep combustibles away from spotlight lens – extreme heat can cause fires.
7. Keep sharp objects away from lens – it is glass and can break.
8. Do not drop or throw spotlight. It contains glass and a sealed lead acid battery.
9. Dispose of unusable batteries in a responsible manner. See "Battery Disposal."
10. Do not crush, cut, pull or expose charging adapter cords to extreme heat.
11. Position charging adapter cords so that they do not become entangled or become a safety hazard.
12. Keep charging adapter cords away from sharp edges.
13. Do not substitute power cords or charging adapters. Only charge with supplied AC and DC charging adapters. Charging adapters for this unit supply 12 volts DC.
14. Always charge in a dry location.
15. Plug in the charging adapter at the spotlight first, then plug into the charging source.
16. Do not overcharge:
    – AC recharge up to 35 hours maximum.
    – DC recharge up to 6 hours maximum.
17. After recharge, disconnect charging adapter and wait 5 minutes before use.
18. Do not open unit casing. There are no user serviceable parts other than spotlight bulb and batteries. Contact manufacturer for service toll-free at (866) 584-5504.
19. Keep children away from spotlight. This is not a toy!

Read This User's Manual Before Using This Unit.

SAVE THESE INSTRUCTIONS

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

VEC191_Manual_041806_R 4/18/06 6:16 PM Page iv

TABLE OF CONTENTS

Introduction 1
Features 1
Main Fuse 2
Charging the Battery 3
  120 Volt AC Charging/Recharging 3
  12 Volt DC Charging/Recharging 3
Operating Instructions 4
  Powering the Unit 4
  Using the Spotlight 4
  Using the 3-LED Auxiliary Light 4
  Using the AM/FM Radio 4
  Using the Weather/Emergency Radio 4
  Using the 12 Volt DC Accessory Outlet 5
  Using the Adjustable Workstand 5
Care and Maintenance 5
  Replacement Parts 5
  Bulb Replacement 6
  Battery Replacement 6
  Safe Battery Disposal 7
  DC Plug Fuse Replacement 7
Troubleshooting 7
Specifications 8

INTRODUCTION

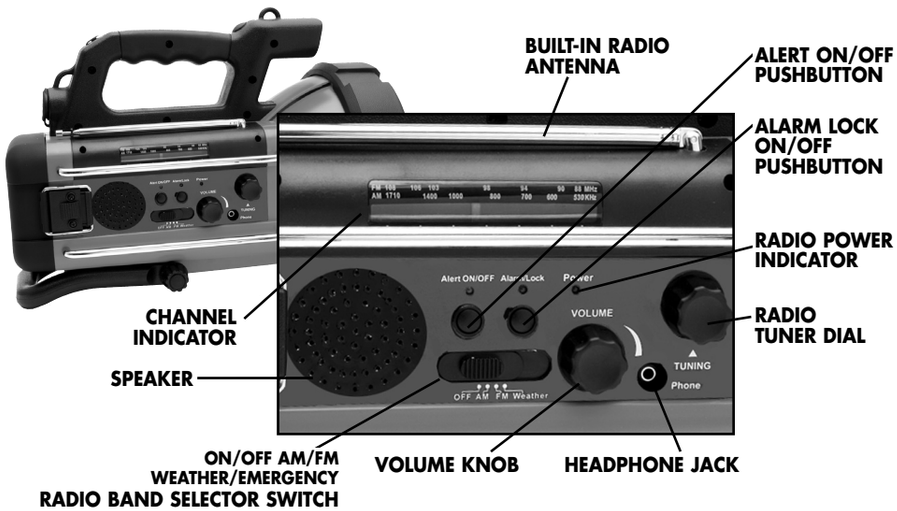
Congratulations on purchasing the ***Storm Tracker™ 10,000,000 Power Series™ All Weather AM/FM Radio/Spotlight.*** Please read this manual carefully before use to ensure optimum performance and avoid damage to the unit itself or power sources from which it operates.

FEATURES

- Powerful, pre-focused, replaceable quartz halogen bulb
- High and low main beam spotlight settings
- Long-life, 3-LED, ultra bright auxiliary light
- All Weather/AM/FM radio with automatic NOAA, National Weather Service and emergency alerts, and Homeland Security warning system
- Headphone jack for privacy
- 12 volt DC accessory outlet
- Replaceable, sealed lead acid battery
- LED charging indicator
- Includes 120 volt AC charging adapter and fuse-protected 12 volt DC power/charging adapter
- Removable carry strap and easy grip handle
- Protective rubber safety guard (bezel) around lens
- Hands-free adjustable workstand with position locks

LED AUXILIARY LIGHT ON/OFF PUSHBUTTON
LED CHARGING INDICATOR
AC RECHARGE PORT
EASY GRIP HANDLE
3-LED AUXILIARY LIGHT
12 VOLT DC ACCESSORY OUTLET
RUBBER BEZEL
BATTERY COMPARTMENT COVER LOCK (ONE ON EACH SIDE)
QUARTZ HALOGEN SPOTLIGHT
BATTERY COMPARTMENT
ON/OFF HIGH BEAM SPOTLIGHT SWITCH
ON/OFF LOW BEAM SPOTLIGHT SWITCH
WORKSTAND POSITION LOCK KNOBS (ONE ON EACH SIDE)
ADJUSTABLE WORKSTAND

Radio Control Panel Detail



MAIN FUSE

The fuse configuration may vary based on the unit purchased.

Some Spotlights are delivered with the main fuse taped to the bottom of the unit. ***It must be inserted as indicated in the compartment shown in Figure 1 prior to operation.***

Other units are shipped with the fuse installed inside the Battery Compartment (as shown in Figure 2). Units with this configuration feature a convenient storage shelf for a spare fuse.

If you suspect this main fuse is blown, check it and, if necessary, replace it with a new 20 amp spade fuse.

FIGURE 1

FIGURE 2

CHARGING THE BATTERY

The unit is delivered in a partially charged state. It must be fully charged prior to first use by either the 120 volt AC method (preferred) or the 12 volt DC method.

After initial charging, the unit can be simultaneously recharged and operated (using the 12 Volt DC method only). Make sure the 12 volt DC power source can supply minimum 15 amperes of current if the Spotlight is to be operated while the batteries are being charged.

After charging, disconnect the Adapter from the external power source, then disconnect the Adapter from the AC Recharge Port or 12 Volt DC Accessory Outlet.

120 Volt AC Charging/Recharging

Plug the supplied 120 Volt AC Adapter's plug into a standard North American outlet. Connect the adapter's barrel connector to the AC Recharge Port located on the top/rear of the grip handle. The LED will light to indicate that the unit is charging. Time required to initially charge the unit using this method is approximately 30 to 35 hours. The LED Charging Indicator will blink when the unit is fully charged. The Auxiliary Light and radio can be operated during 120 Volt AC charging. ***The Spotlight cannot be used while recharging using this method.***

12 Volt DC Charging/Recharging

The DC recharging method will NOT recharge the unit as effectively as the 120 volt AC method. The 12 volt DC recharging procedure is recommended only when it is necessary, since frequent use of the 12 volt DC recharging procedure may shorten the battery system's life.

1. Insert the gold-tipped end plug of the 12 Volt DC Power/Charging Adapter plug into the vehicle's 12 volt DC accessory outlet.
2. Insert the silver-tipped end plug into the 12 Volt DC Accessory Outlet on the back of the handle of the unit.
3. Charging time using this method is approximately 5 to 6 hours.
4. When charging is complete, remove the power cord and return it to the storage compartment.

Note: ***When using a vehicle's 12 volt DC accessory outlet as a charging/power source, be aware that some vehicles require the ignition be turned on to power the accessory outlet.***

⚠CAUTION

Before charging/recharging the unit's battery, make sure all power switches are in the OFF position.

OPERATING INSTRUCTIONS

Powering the Unit

The Storm Tracker™ can be operated using either the internal rechargeable batteries (for cordless use) or the 12 Volt DC Power/Charging Adapter. See the "Charging the Battery" section before using the unit in cordless mode.

Using the Spotlight

The quartz halogen Spotlight is operated by the two switches located on the side of the unit. The top ON/OFF Switch controls the high beam (100 watt) function; the bottom ON/OFF Switch controls the low beam (approx. 50 watt) function.

The Spotlight will run for 60 minutes on low beam setting and 35-40 minutes on high beam setting on a single charge.

Using the 3-LED Auxiliary Light

The 3-LED Auxiliary Light is operated by the LED Auxiliary Light ON/OFF Pushbutton located on the top of the grip handle. The LED Auxiliary Light will run for 250 hours on a single charge.

Using the AM/FM Radio

The Radio Band Selector Switch (see "Radio Control Panel Detail" on page 2) controls the radio's ON/OFF function and allows the user to select AM, FM or "Weather" frequency.

- After sliding the Radio Band Selector Switch to desired frequency, rotate the Radio Tuner Dial to search for a station.
- Adjust volume using the Volume Knob.
- Insert the headphones (not supplied) into the Headphone Jack if private listening is desired.

Using the Weather/Emergency Radio

The ***Storm Tracker™ 10,000,000 Power Series™ All Weather AM/FM Radio/Spotlight*** receives all of the National Oceanic and Atmospheric Administration (NOAA) weather channels, plus National Weather Service warnings, watches and forecasts, and other non-weather related emergency warning system broadcasts.

- Slide the Radio Band Selector Switch to "Weather."
- Rotate the Radio Tuner Dial to search for a station.
- Adjust volume using the Volume Control Knob.
- Insert headphones into the Headphone jack if private listening is desired.

Alert Function

The Alert function is only available when "Weather" has been selected on the Radio Band Selector Switch.

- Using the Radio Tuner Dial, select the desired weather station.
- Press the Alert ON/OFF pushbutton located on the top of the unit (see Figure 1).
- The green Alert ON/OFF LED will light, indicating this function is operating. The weather station will remain muted until a weather alert is detected and then an alarm siren will sound briefly.

Alarm Function

The Alarm function is only available when "Weather" on the Radio Band Selector Switch and "Alert" mode have been selected

- Using the Radio Tuner Dial, select the desired weather station.
- Press the Alert ON/OFF pushbutton and Alarm/Lock pushbutton located on the top of the unit (see page 2).
- The green Alert ON/OFF LED and green Alarm/Lock LED will light, indicating this function is operating. The weather station will remain muted until a weather alert is detected and then an alarm siren will sound continuously until the Alert ON/OFF or Alarm/Lock pushbutton is pushed again.

Using the 12 Volt DC Accessory Outlet

The 12 volt DC accessory outlet powers any DC appliance that does not exceed 5 amps. Flip up the accessory outlet cover and insert the appliance's DC plug. Close the cover after use.

Using the Adjustable Workstand

Set the hands-free adjustable workstand to the desired position; then turn the knobs on either side of the unit to lock in position.

CARE AND MAINTENANCE

All batteries lose charge with time. AC recharge is recommended after each use or every two months when not in frequent use. Use the supplied 120 Volt AC Charging Adapter and charge for the recommended time.

If the unit gets dirty, gently clean the outer surfaces of the Spotlight with a soft cloth moistened with a mild solution of water and detergent. Periodically inspect the condition of charging adapters, connectors, and cords. Replace any components that may have become worn or broken.

Replacement Parts

The quartz halogen bulb and sealed lead acid batteries are available through Vector Manufacturing. A comparable (12 volt H4 100 watt) bulb may be substituted. These can also be purchased from popular automotive parts suppliers nationwide. Contact Vector Manufacturing's Technical Support Department for replacement parts (including replacement adapters and cords) and any additional information that you may need. They may be reached at (954) 584-4446 or toll free at (866) 584-5504.

⚠WARNING

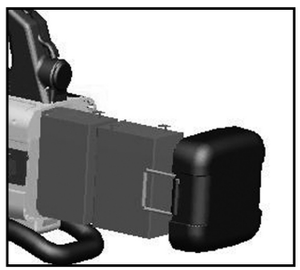
To reduce the risk of shocks or burns and avoid damage to the unit, make sure all power switches are in the OFF position, all adapters are unplugged and the unit has been allowed to cool down before performing any cleaning or parts replacement.

Bulb Replacement

1. Remove the rubber bezel on the rim of the Spotlight to reveal eight small Phillips screws in the retaining ring.
2. Using a screwdriver, remove (counterclockwise) the screws and set them aside.
3. Lift off the retaining ring, glass lens and rubber "O" ring and set them aside.
4. Carefully remove the reflector and bulb assembly.
5. Disconnect the bulb from the guarding wires and replace the burned out bulb with one of the same type listed in the Specifications section of this manual.
6. Reassemble the guarding wires, put back the reflector, rubber "O" ring and the lens.
7. Replace rubber bezel by sliding forward to the front of the spotlight.
8. Turn one of the Spotlight's ON/OFF switches to the ON position to ensure proper operation.

Battery Replacement

1. Release the battery compartment cover locks on either side of the unit and remove the cover.
2. Pull out the (two) batteries.
3. Disconnect the terminals and replace the batteries with the same type listed in the Specifications section of this manual.
4. Replace the battery compartment cover and engage the locks.
5. Turn one of the Spotlight's ON/OFF switches to the ON position to ensure proper operation.



Safe Battery Disposal

Contains a maintenance-free, sealed, non-spillable, lead acid battery, which must be disposed of properly. Recycling is required, contact your local authority for information. Failure to comply with local, state and federal regulations can result in fines, or imprisonment. For more information on recycling this battery, call toll-free (877) 288-7722.

DC Plug Fuse Replacement

The fuse in the DC plug protects the charging circuit of the 12 Volt DC Power/ Charging Adapter. If AC recharging works, but the DC charging does not, then the fuse may be opened (blown).

To replace the fuse:

1. Unscrew the end cap of the DC plug (counterclockwise).
2. Remove spring center contact and fuse.
3. Check fuse with a continuity checker.
4. If blown, locate replacement fuse with same type and rating.
5. Replace the fuse, spring, contact and end cap.
6. Screw end cap clockwise until it is finger tight – DO NOT OVER-TIGHTEN.
7. Test for proper operation of the 12 Volt DC Power/Charging Adapter.

TROUBLESHOOTING

No Charge Indicator Light When Charging

1. Check connection to the AC Recharge Port
2. Check connection to AC adapter
3. Confirm there is a functioning AC or DC current

Spotlight Will Not Operate

1. When charging using the 120 volt AC method, the Spotlight will not operate. Be sure all adapters are disconnected before Spotlight usage.
2. If you suspect the bulb is blown, check the filament. If the filament is coiled and unbroken, the bulb is not blown. If filament is blown, replace bulb as directed on page 6.

Unit Will Not Operate

1. If the unit does not operate, the battery may be completely discharged. Charge the unit following the directions on page 3.
2. If the unit does not operate after recharging as directed:
   - Replace the two 6 volt, 6.0 Ah batteries as directed on page 6.
   - Check the main fuse and, if necessary, replace it with a new 20 amp spade fuse (see page 2 for illustration).